

Pendokong Kecemerlangan
Impetus to Excellence



Program Budaya Kerja dan Peningkatan Kualiti UTM

Pada bulan Oktober 1984, sistem pentadbiran UTM diperkemas lagi untuk menepati dasar pentadbiran kerajaan yang menggunakan moto “Bersih, Cekap dan Amanah”. Sehubungan dengan itu, UTM telah menguatkuasakan penggunaan Sistem Perakam Waktu Bekerja di peringkat pentadbiran. Sementara itu pelaksanaan di bahagian-bahagian lain telah dikuatkuasakan mulai Januari 1985.

Untuk menghasilkan perkhidmatan kerja yang cekap dan berkesan, pihak UTM telah mengambil inisiatif bekerjasama dengan Institut Tadbiran Awam Negara (INTAN) untuk memberi taklimat dan panduan kepada semua staf berkaitan dengan bidang tugas mengikut jawatan dan jabatan masing-masing. Pelaksanaan Kumpulan Meningkatkan Mutu Kerja (KMK) juga diperkenalkan di UTM bagi memantapkan jentera pentadbiran universiti.

Akibat dari pertambahan pelajar dan staf, pengurusan organisasi semakin kompleks. Justeru itu, pentadbiran akademik di UTM juga mengalami proses perkembangan dan telah mempelopori penggunaan Sistem Automasi Pejabat Profesional atau PROFS. Dengan penggunaan sistem ini, maklumat mengenai pengurusan akademik pelajar dan pengurusan perkhidmatan staf dapat diakses dengan lebih cepat dan mudah. Universiti telah menetapkan sasaran pencapaian sijil ISO 9000 bagi enam proses utama universiti, iaitu Pengajaran dan Pembelajaran, Pengurusan Penyelidikan, Pengurusan Perundingan, Pengurusan Penerbitan, Pengurusan Makmal dan Pengurusan Latihan.



Improving Quality and Work Ethics

Following the motto “Bersih, Cekap dan Amanah” adopted by the government in its administrative policy, UTM took the initiative of using the time recording machine for its administrative departments beginning October 1984. Similar practice was soon adopted by other divisions of the University by January 1985.

As an effort at achieving efficient and effective services, UTM together with Institut Tadbiran Negara (INTAN) conducted a series of lectures for all administrative rank and file of the University. In addition, the concept of Kumpulan Meningkatkan Mutu Kerja (Quality Improvement Teams) was adopted to boost the effectiveness of services further.

With every additional student and staff, organisational management becomes more complex. The academic administration office began adopting the professional office automated system or PROFS in their daily routines, which improved academic information management tremendously. At the same time, the ISO 9000 certification was targeted for six main processes of the University, namely, teaching and learning, research management, consultancy management, publishing, laboratory management, and training management.



Pencapaian menerima Anugerah Kualiti Perdana Menteri (AKPM) pada tahun 1999, telah meletakkan UTM dalam kelas yang tersendiri. UTM adalah penerima ulung di kalangan institusi pengajian tinggi awam yang memenangi anugerah ini. Kejayaan ini juga memacu pelaksanaan kualiti yang lebih mantap, khususnya dalam pengajaran dan pembelajaran.

Pernah disebutkan bahawa abad ke-21 mementingkan kualiti. Kualiti menjadi indikator terpenting kepada mana-mana organisasi, firma mahu pun sesebuah negara. Kualiti menjadi semakin penting bukan sahaja bagi menghasilkan produk dan pengeluaran dalam sektor industri, malah tidak terkecuali sektor perkhidmatan seperti pendidikan. UTM dengan pantas menghidu kepentingan ini dan terus menggerakkannya tanpa menoleh ke belakang lagi. UTM percaya kualiti pengurusan, pengajaran dan pembelajaran mampu menjadikan universiti seperti Cambridge, Oxford, Yale dan MIT, adalah yang terbaik di dunia.

Pihak Universiti juga mula memperkenalkan Anugerah Kualiti Naib Canselor yang diberi pada setiap tahun sebagai penghargaan dan pengiktirafan kepada fakulti atau bahagian yang telah mencapai tahap pengurusan kualiti yang paling cemerlang berdasarkan kepada kriteria yang telah ditetapkan. Perpustakaan Sultanah Zanariah telah mencatat sejarah apabila menjadi pemenang pertama anugerah ini. Pada tahun 2000, pelbagai program juga telah dirancang dan akan dilaksanakan secara berterusan bagi mengukuhkan lagi Program Jaminan Kualiti Universiti. UTM turut menerima sijil status Multimedia Super Corridor (MSC) pada 24 Ogos 2002 sempena lawatan Perdana Menteri ke UTM.



Fakulti dan Jabatan yang telah menerima sijil pengiktirafan kualiti MS ISO 9000
Faculties and departments with MS ISO 9000 certifications:

Fakulti/Jabatan Faculty/Department	MS ISO MS ISO	Tarikh Terima Date Received
Perpustakaan Sultanah Zanariah Sultanah Zanariah Library	9002 : 1994	30 Mei 1998
Fakulti Kejuruteraan Awam Faculty of Civil Engineering	9002 : 1994	3 November 2000
Fakulti Pengurusan dan Pembangunan Sumber Manusia Faculty of Management and Human Resource Development	9002 : 1994	3 November 2000
Pusat Pengurusan Penyelidikan Research Management Centre	9002 : 1994	16 Mac 2001
Fakulti Pendidikan Faculty of Education	9001 : 2000	25 Mei 2001
Fakulti Alam Bina Faculty of the Built Environment	9001 : 2000	23 April 2002
Biro Inovasi dan Perundingan Bureau of Innovation and Consultancy	9001 : 2000	30 Ogos 2002
Pejabat Harta Bina (Bahagian Pembinaan) Dept. of Works (Construction Division)	9001 : 2000	30 Ogos 2002
Pejabat Bendahari Office of the Bursar	9001 : 2000	19 Disember 2003
Pejabat Harta Bina (Bahagian Harta) Dept. of Works (Facilities Division)	9001 : 2000	19 Disember 2003
Fakulti Kejuruteraan Elektrik Faculty of Electrical Engineering	9001 : 2000	30 April 2004
Penerbit UTM UTM Press	9001 : 2000	9 Julai 2004
Pejabat Pendaftar Office of the Registrar	9001 : 2000	20 September 2004



When UTM won the Prime Minister's Quality Award in 1999, it put the University in a class of its own for, we became the first public institution of higher learning in the country to have received this prestigious award. Winning the award has spurred the implementations of total quality system campus-wide, especially in the areas of teaching and learning.

The 21st century was once hailed as the century for quality. Quality shall be the most important indicator for any organization, business and even for a country. Aspects of quality have long been the crux of the manufacturing industries, and have now been increasingly crucial in the service industries, including the education sector. UTM was quick to identify with this, and without reservation, the university launched the move for the adoption of quality system in its operation. The University believes that efficient and efficacious academic administration could propel UTM to be amongst the best in the world.

To encourage the faculties and departments to adopt the quality practice of total quality management system, the Vice Chancellor's Award for Quality was created, as an appreciation and recognition of a faculty or division which has achieved the highest level of quality management, based on a set of criteria. The first department to win this award was the Sultanah Zanariah Library in April 2000. Various other programs have been planned continuously to further strengthen the quality assurance programmes at the university. UTM also received the Multimedia Super Corridor status in conjunction with the Prime Minister's visit in August 2002.



Pengantarabangsaan UTM

Dekad 80-an dan 90-an, nama UTM mula mendapat tempat di persada antarabangsa. UTM maju setapak lagi menerusi hubungan antarabangsa dengan universiti yang berasaskan sains dan teknologi di luar negara. Jalinan kerjasama ini sekurang-kurangnya dapat memberi kelebihan dan nilai tambah yang berganda kepada ahli akademik UTM khususnya dalam bidang penyelidikan dan pembangunan.

Selaras dengan visi UTM untuk mencapai status WCU pada tahun 2010, maka usaha menjalinkan hubungan dan mengadakan lawatan ke luar negara telah dijalankan secara agresif dan tersusun. Antara lawatan yang telah dibuat ke luar negara ialah lawatan kerja ke Lotus Engineering, dan Universiti Cambridge, United Kingdom; Universite de Nantes, France, dan Indian Institute of Technology, Madras serta ke Infosys Technology, Wipro Corporation dan International Technology Park, Bangalore, India. Selain itu, lawatan ke Ohio State University, Harvard University, Institut Teknologi Bandung, Denmark Technical University dan University of Birmingham turut diadakan bagi menjalin hubungan kerjasama dalam bidang pendidikan dan penyelidikan.

The decades of the eighties and nineties saw UTM making inroads into the international academic scenes. International contacts with universities of similar science and technological backgrounds have brought the University closer to progress and have added values to academia, particularly in areas of research and development.

In conjunction with its vision to be a World Class University by the year 2010, efforts at establishing contacts and making overseas visits were aggressively planned and carried out. Among the important working visits were made to Lotus Engineering, and University of Cambridge, UK; Universite de Nantes, France, and the Indian Institute of Technology Madras, Infosys Technology, Wipro Corporation and the International Technology Park, Bangalore, India. In addition, visits were also made to Ohio State University, Harvard University, Bandung Institute of Technology, Denmark Technical University, and the University of Birmingham, for purposes of fostering cooperations in education and research.



Di samping itu, beberapa pakar dari luar negara dijemput untuk melaksanakan projek-projek penyelidikan, perbincangan mengenai pembangunan kursus, pemindahan teknologi, dan pertukaran budaya kerja, serta mendapatkan bantuan dana antarabangsa. Antaranya melibatkan Prof. Ian Dowman dari University College London; Prof. Graham Lodwick dari Curtin University, Australia; Prof. Anthony Hugh Shrister dari University Salford, United Kingdom; Dr. Albert Chong dari University of Otago, New Zealand, dan Prof. Tetsuo Yanogi dari Kyushu University, Jepun.

At the same time, a number of overseas experts were invited to UTM to carry out research and colloquia on curriculum developments and transfer of technology, as well as for cultural exchanges and funding solicitations. Some of the prominent academics who visited the campus were Prof. Ian Dowman of the University College of London; Prof. Graham Lodwick of Curtin University, Australia; Prof. Anthony Hugh Shrister of Salford University, United Kingdom; Dr. Albert Chong of the University of Otago, New Zealand and Prof. Tetsuo Yanogi of Kyushu University, Japan.

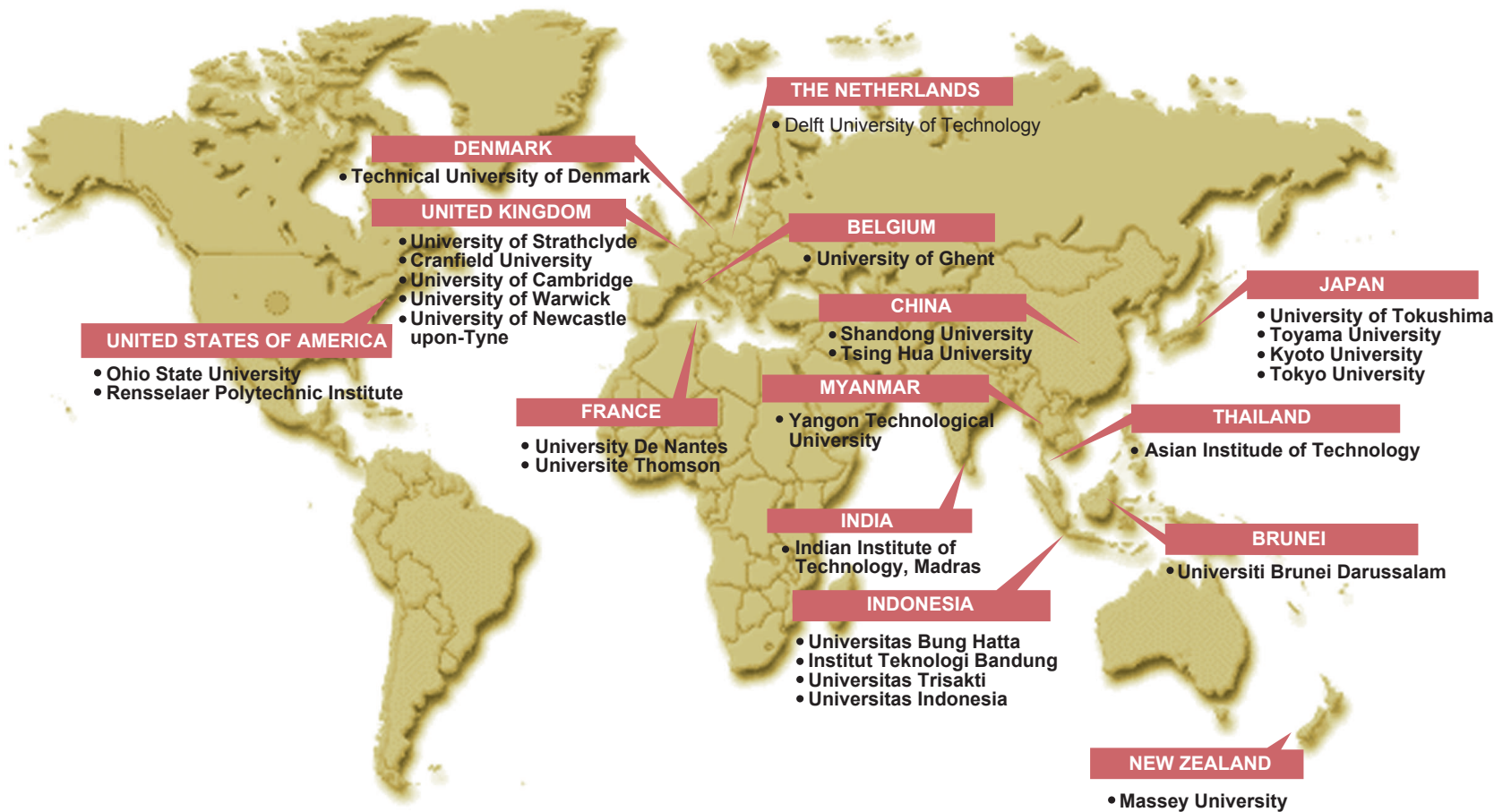


Hubungan kerjasama dengan negara luar, terutamanya dalam bidang penyelidikan; bertambah mantap apabila Japan Society for the Promotion of Science (JSPS), National Institute of Mathematics and Chemistry Japan, International Atomic Energy Agency (IAEA), Japan International Co-operation Agency (JICA), Committee for International Co-operation in Higher Education (CICHE) British Council UK, dan Japan Science and Technology Corporation turut menjalinkan hubungan kerjasama dengan UTM.

Cooperation with international agencies for research purposes were also established, such as with The Japan Society for the Promotions of Science (JSPS); National Institute of Mathematics and Chemistry, Japan; International Atomic Energy Agency (IAEA); Japan International Co-operation Agency (JICA); Committee for International Cooperation in Higher Education (CICHE); the British Council UK, and Japan Science and Technology Corporation.



Kerjasama Antarabangsa Our Global Partners



Universiti terus memupuk usaha menjemput Profesor Pelawat untuk bertukar pandangan dengan ahli akademik universiti sebagai salah satu usaha pengantarabangsaan. Melalui program 'Fullbright Scholar', Fakulti Sains Komputer dan Sistem Maklumat telah menerima seorang staf luar negara, iaitu Ms. Trina Cooper dari Texas selama sembilan bulan bagi membantu aktiviti akademik fakulti, terutamanya dalam bidang grafik dan multimedia. Fakulti Pendidikan telah menjemput Profesor Pelawat dari Ohio State University, iaitu Dr. Mary Ann Sagaria yang mempunyai kepakaran dalam bidang 'higher education'

The University continues to host Visiting Professors and Scholars in the interest of establishing and strengthening international networks. Through the Fullbright Scholar Programme for instance, the Faculty of Computer Science and Information Systems welcomed the services of an external staff, Ms. Trina Cooper from Texas, who stayed for nine months in 2001 to provide assistance in the faculty's graphic and multimedia curriculum. The Faculty of Education hosted Dr. Mary Ann Sagaria, a Professor of Higher Education from Ohio State University for a two-week visit in February 2002 and Dr. Peter Seldin, a Professor of Education from Pace University, an expert on 'Teaching Portfolio' in September 2002. A number of seminars, workshops and colloquia were held in conjunction with their visits. Staff exchange is also widely encouraged. Associate Professor Dr. Nik Rumzi bin Nik Idris from the Faculty of Electrical Engineering was invited to be a Visiting Researcher for six months at Akron University, Ohio USA.

selama dua minggu dalam bulan Februari 2002 dan Prof. Dr. Peter Seldin dari Pace University, New York, yang berkepakaran dalam bidang 'Teaching Portfolio' dalam bulan September 2002. Sempena lawatan kedua-dua Profesor Pelawat ini, beberapa program telah diatur meliputi seminar, bengkel dan syarahan. Pertukaran staf juga digalakkan. Profesor Madya Dr. Nik Rumzi bin Nik Idris dari Fakulti Kejuruteraan Elektrik telah dijemput oleh Akron University, Ohio, USA sebagai penyelidik pelawat selama enam bulan pada tahun 2002.



Pendokong Kecemerlangan

Bagi menyokong aktiviti pengantarabangsaan, Fakulti Kejuruteraan Awam, dalam tahun 2001 telah mengadakan program pertukaran pelajar dengan beberapa buah universiti luar negara yang melibatkan 14 pelajar daripada Denmark Technical University; Roskilde University, Denmark; University of Newcastle Upon-Tyne, dan Aalborg University, Denmark. Pada tahun 2002, sebagai sebahagian daripada aktiviti peningkatan sahsiah pelajar, UTM menggalakkan program pertukaran dan lawatan pelajar ke luar negara. Untuk itu, seramai 14 pelajar cemerlang UTM telah berpeluang untuk mengadakan lawatan tujuh hari ke Brisbane, Australia melalui program yang dikenali sebagai 'Study Tour'. Program ini telah berjaya memberi pendedahan kepada pelajar mengenai perkembangan akademik dan budaya di Australia. Enam pelajar tahun akhir Fakulti Kejuruteraan Awam juga turut terpilih untuk lawatan akademik ke universiti terpilih di United Kingdom seperti Universiti of Cambridge, University of Loughborough, University of Newcastle Upon-Tyne, University of Birmingham, University of Manchester Institute Science and Technology, dan University of Warwick.



These global outreach activities also included student exchange and study tour programmes. In 2001, the Faculty of Civil Engineering, hosted 14 exchange students from Denmark Technical University; Roskilde University, Denmark; University of Newcastle Upon-Tyne, UK and Aalborg University, Denmark. In 2002, 14 top-tier students were chosen for a seven-day study tour visit to Brisbane, Australia. This opportunity has given the students insights into the academic and cultural scenes of Australia. Six final-year students from the Faculty of Civil Engineering also went on a study tour of British universities including Cambridge, Loughborough, Newcastle Upon-Tyne, Birmingham, Manchester Institute of Science and Technology (UMIST), and the University of Warwick.



Selain itu, UTM juga giat menganjurkan beberapa seminar dengan kerjasama badan-badan antarabangsa. Antaranya, UTM dengan kerjasama European Space Agency, Lagano, Switzerland telah mengadakan seminar antarabangsa “Sarscape and Envisat: The Gateway to Information” bertempat di Hotel Istana, Kuala Lumpur pada bulan Mac 2002. Pusat Kajian Hidrografik UTM telah menganjurkan satu kursus pendek peringkat antarabangsa selama enam bulan, bermula Jun 2002 dengan kerjasama *Canadian International Development Agency (CIDA)* dan *Federation of International Geomatic/International Hydrographic Organisation (FIG/IHO)*. Seramai 21 orang peserta telah menyertai kursus pendek ini termasuk enam peserta luar negara.

In addition, many seminars were held in cooperation of a number of international agencies. Foremost amongst them was “Sarscape and Envisat: The Gateway to Information” seminar, held with the cooperation of European Space Agency, Lagano, Switzerland in March 2002 at Istana Hotel, Kuala Lumpur. The Hydrographic Studies Centre together with Canadian International Development Agency (CIDA) and the Federation of International Geomatic/International Hydrographic Organisation (FIG/IHO) held an international level short-term course from June to November 2002. A total of 21 participants, including six from overseas enrolled in the course.



Pencapaian Cemerlang Pelajar UTM

Sepanjang seratus tahun sejarah pendidikannya, UTM adalah penyumbang terbesar sumber tenaga profesional dalam bidang sains dan teknologi. Permintaan terhadap graduan di pasaran kerja tempatan dan global amat tinggi dari tahun ke tahun. Bilangan graduan semakin bertambah setiap tahun kesan daripada dasar pembangunan negara yang memberi penekanan dalam bidang sains dan teknologi. Pada hari ini, UTM berbangga kerana telah melahirkan lebih daripada 60,000 tenaga mahir

dalam pelbagai bidang yang berasaskan sains dan teknologi. Ramai daripada graduan UTM kini menerajui pelbagai organisasi dan industri strategik negara. Tanggungjawab UTM amat besar dan berat; sehingga hari ini keperluan negara terhadap jurutera masih belum dapat ditampung dan dianggarkan negara masih memerlukan tidak kurang daripada 70,000 jurutera menjelang tahun 2020.

Students' Excellent Attainments

It can be said with pride that for 100 years this institution and its predecessors, have been the main contributors to the pool of science and technical professionals in the country. And to date, UTM can be proud of the fact that it has produced more than 60,000 skilled human resources in many fields of science and technology, many of whom have become captains of strategic industries and organizations in the country. For UTM, the responsibility of producing more engineers and technologists is a tremendous one as Malaysia is still in need of no less than 70,000 engineers by the year 2020.



Mahasiswa UTM juga telah menunjukkan kematangan dan kebolehan berpersatuan serta berorganisasi sesuai dengan seabad kematangannya. Kini terdapat lebih daripada 50 buah persatuan pelajar yang beroperasi di bawah naungan Majlis Persatuan Mahasiswa, sekaligus mendapat sokongan dan bantuan daripada Bahagian Hal Ehwal Pelajar. Pelbagai aktiviti pelajar yang telah dijalankan pada peringkat persatuan, kolej dan universiti. Para pelajar digalakkan terlibat secara langsung mahu pun tidak secara langsung dan bebas memilih mana-mana persatuan pelajar yang diminati.

Kewujudan persatuan dan pasukan beruniform di UTM ini telah sedikit sebanyak menyatukan pelbagai kaum di UTM. Batas kaum, agama, negeri dan bidang bukanlah merupakan halangan dalam menjadikan mereka sebagai seorang pelajar yang berwibawa dan berketrampilan. Di bawah naungan HEP, para pelajar telah diikat oleh norma, etika, dan peraturan persatuan agar menjadi pelajar yang berdisiplin, gigih, berdaya maju dan proaktif dalam pelbagai aktiviti yang dijalankan. Justeru itu, sejak 100 tahun yang lalu, para pelajar telah mengharumkan nama UTM dan Malaysia amnya dalam pelbagai aktiviti dan pertandingan yang disertai pada peringkat kebangsaan dan antarabangsa.

UTM's students have proven to be increasingly matured and sophisticated through their activities over the one hundred years of its existence. Today, there are more than 50 student associations under the ambit of the Students Representative Council, which receives the support and guidance of the Student Affairs Department of the University. Many student activities are held at faculty, residential college and university levels and students are free to choose any association to affiliate according to their inclinations.



The existence of student associations and organisations on campus especially the uniformed bodies, helps with the integration of students from different racial, religious, state origin and even studies background. The norms, ethics, and rules of associations would hopefully induce discipline, confidence, resiliency, and proactive attitudes in all their undertakings. It comes to no surprise then that students from UTM have been making waves, in many activities and competitions within as well as outside the country.



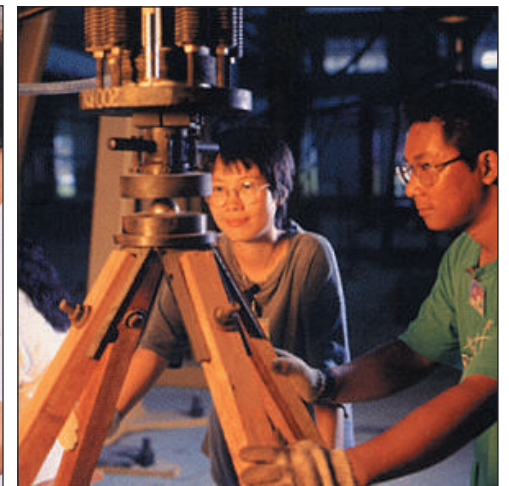
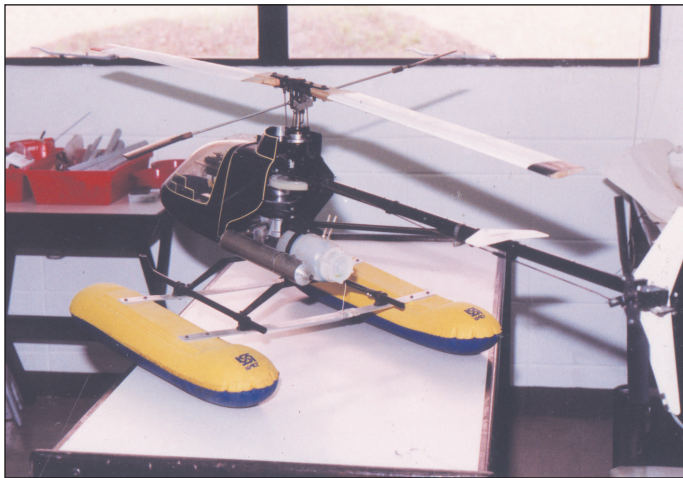
Bersukan, berpersatuan, dan penyertaan dalam pasukan beruniform menjadikan pelajar UTM berdisiplin, gigih, berdaya maju dan proaktif.



Pendokong Kecemerlangan

Kecemerlangan pelajar UTM sememangnya terlalu banyak untuk digalurkan di sini. Nyata sekali UTM juga mencapai kejayaan apabila para pelajarnya berjaya memenangi hadiah-hadiah yang berprestij dari dalam dan luar negara. Pada tahun 1993 misalnya, tiga pelajar UTM menerima Anugerah Menteri Pendidikan Brunei Darussalam; seorang pelajar UTM memenangi Anugerah Technology Research Industry, dan UTM muncul naib johan Pertandingan Debat Alam Sekitar Antara Universiti di mana pendebat terbaik juga dimenangi oleh pelajar UTM.

In fact, UTM students have achieved tremendous success over the years, which are too numerous to be listed on these pages. Clearly though, all the prestigious awards won by its students also meant success for the university. For instance, in 1993, three UTM students received the Brunei Ministry of Education Award while one student won the Technology Research Industry Award. UTM emerged the runner up in the Inter Varsity Environment Debate, as well as winning the best speaker award.



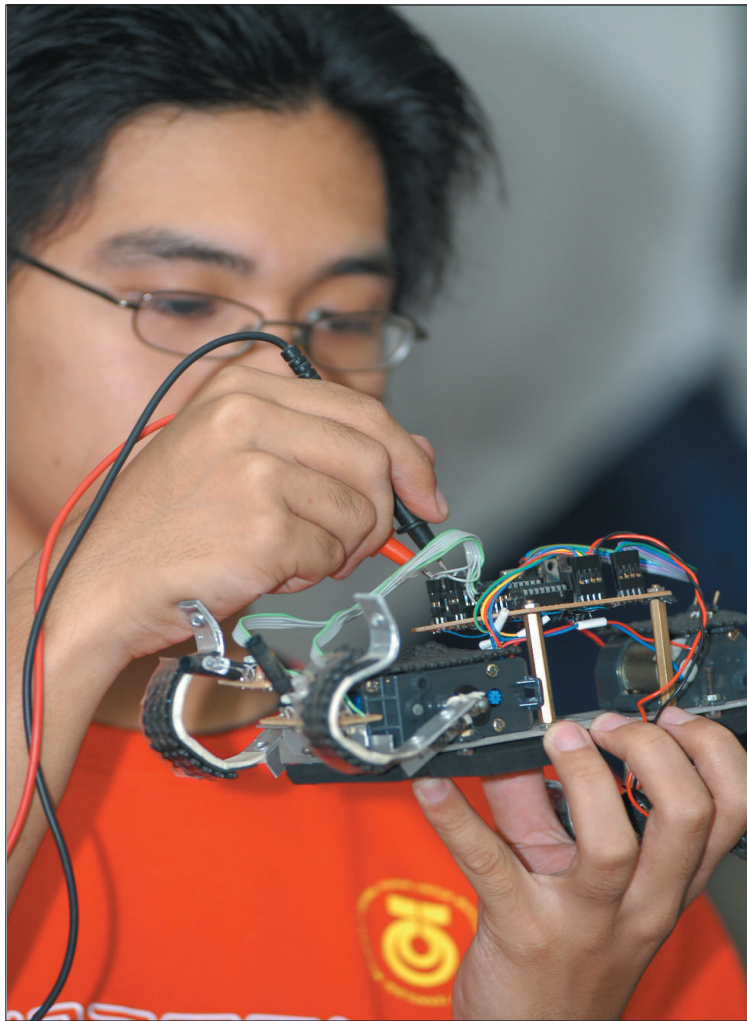
Kecemerlangan pelajar dalam bidang akademik dan penyelidikan adalah sesuatu yang amat membanggakan. Pada tahun 1996, dua pelajar dari Fakulti Alam Bina UTM menerima Kepujian Antarabangsa (*Honourable Mentions*) dalam Pertandingan Reka Bentuk Antarabangsa yang telah dianjurkan oleh *Association of Collegiate School of Architecture*, Amerika Syarikat. Pelajar UTM juga telah merangkul pelbagai kejayaan akademik sepanjang tahun 2000. Antaranya memenangi gelaran johan Pertandingan Debat Diraja dalam Bahasa Inggeris; gelaran johan Pertandingan Koir Antara Universiti; tempat pertama dan ketiga dalam Pertandingan 'MSSA Steel Design'; tempat pertama, kedua dan sagu hati dalam pertandingan 'The First Malaysian University/Industry DSP Design Award'; tesis seorang pelajar terpilih sebagai tesis terbaik dalam pertandingan '1999 World Energy Congress INTEM' (Institut Tenaga Malaysia); Anugerah 'Honorary Mention, Mubin Shepard Memorial Prize', anjuran Badan Warisan Malaysia. Pelajar Fakulti Alam Bina juga memenangi hadiah ketiga dalam pertandingan Reka Bentuk Bandar Peringkat Antarabangsa anjuran *International Federation of Housing and Planning* (IFHP) di Vienna, Austria pada tahun 2003.

UTM is truly proud of its students' achievement in various academic and co-curriculum activities. In 1996, two students from the Faculty of the Built Environment were awarded Honorable Mentions in the international design competition organized by the Association of Collegiate School of Architecture, United States. In 2000, UTM students won various academic honours, amongst them, emerging champion of the Inter-Varsity Royal Debate Competition (English category) and again in 2003, when the University's debating team scored another brilliant performance by winning the Malay Language category of the same competition. UTM's team was also champion of the Inter-Varsity Choir Competition in 2000; they brought home the first and third prizes in MSSA Steel Design Competition; they won the first, second, and consolation prizes in the First Malaysian University/Industry DSP Design Award; a student's thesis was chosen as the best thesis in the 1999 World Energy Congress by the Energy Institute of Malaysia. A UTM student managed an Honorary Mention in the Mubin Shepard Memorial Prize organized by Badan Warisan Malaysia. Students from Faculty of the Built Environment won the third place in the International Federation of Housing and Planning (IFHP) competition held in Vienna, Austria in 2003.



Pelajar-pelajar UTM dan robot ciptaan mereka sentiasa mendapat tempat di kalangan peminat-peminat robot negara. Dalam pertandingan ROBOCON 2004 yang berlangsung pada bulan Mei 2004 di Shah Alam dan pertandingan ROBOFEST, Ogos 2004 di Midvalley Mega Mall, Kuala Lumpur pelajar UTM muncul menjadi juara. Mereka berjaya mengenepikan 20 pasukan lain dan membawa pulang wang hadiah berjumlah RM16,300. Pasukan UTM juga merupakan pemenang dalam pertandingan yang sama pada tahun 2003.

UTM's team created a stir amongst robot enthusiasts and participants at two prestigious robotics meets in Malaysia: The ROBOCON 2004 held in May 2004 in Shah Alam, and ROBOFEST 2004 in August 2004 at Midvalley Mega Mall, Kuala Lumpur. The students emerged victorious, beating 20 other teams and brought home RM16,300 in prize monies. UTM's team was also the winner of the same competition in 2003.



Robot ciptaan pelajar sentiasa menjulang nama UTM dalam pertandingan yang disertai

Pelajar digalakkan untuk menyertai pelbagai aktiviti yang dianjurkan bagi membentuk semangat daya saing yang tinggi meliputi aktiviti kemasyarakatan, akademik, agama, sosial, kesenian dan sukan. Pelajar UTM, Sri Krishnan a/l Kanniah memenangi pingat emas dalam acara Tae Kwan Do dalam Kejohanan SUKMA Ke-VII tahun 1998. Pelajar-pelajar Sains Sukan Fakulti Pendidikan telah menyertai beberapa perlawanan di peringkat antarabangsa. Antara kemenangan yang diperolehi adalah satu pingat Emas dan tiga pingat Perak di Sukan Paralimpiad Malaysia ke-XI, Kuala Lumpur pada 2002. UTM turut menyertai 'ROBOFEST 2002' anjuran Kementerian Pendidikan dengan kerjasama SIRIM Berhad dalam kategori 'ROBODANCE' dan 'ROBOCLIMB' di Shah Alam. UTM yang diwakili oleh pelajar-pelajar Fakulti Kejuruteraan Elektrik telah menjuarai semua kategori yang dibuka kepada Institusi Pengajian Tinggi.

Antara aktiviti yang turut mencapai kejayaan cemerlang ialah aktiviti penganjuran Persidangan Antarabangsa Pelajar dalam bidang Penyelidikan dan Pembangunan Elektrikal dan Elektronik, anjuran bersama IEEE Students' Chapter dengan Persatuan Kejuruteraan Elektrik, UTM. Persidangan ini telah dihadiri oleh peserta dari Hong Kong, India, Jepun, New Zealand, Singapura, Taiwan, Thailand dan Malaysia.

UTM students are encouraged to participate in varieties of programmes that would nurture competitive spirits including social, religious, sports and activities as well as the arts. In sports, UTM's Sri Krishnan s/o Kanniah won the gold medal in the VII SUKMA Games in 1998. Sports Science students of the Faculty of Education competed in several international meets—amongst the medals won by them were one gold and three silver at the XI Malaysian Paralympiad Games Kuala Lumpur. At the Robofest 2002 organized by the Ministry of Education and SIRIM Berhad, students of Electrical Engineering Faculty grabbed all the first place prizes in the categories of 'Robodance' and 'Roboclimb' opened to Institutions of Higher Learning.

UTM students also proved their resourceful and managerial skills when they hosted international seminar in the areas of research and development of electrical and electronics engineering, jointly organized by the IEEE Students' Chapter and the Association of Electrical Engineering of UTM. The seminar was successful as it attracted participants coming from Hong Kong, India, Japan, New Zealand, Singapore, Taiwan, as well as Malaysia.



Kemudahan untuk Pelajar/ Students' Amenities

Untuk menjadikan suasana pembelajaran lebih kondusif, pengurusan universiti di bawah pentadbiran Hal Ehwal Pelajar telah merancang dan melaksanakan pelbagai kemudahan untuk para pelajar.

Careful planning is carried out by the Student Affairs Division so as to create an atmosphere as conducive as possible for teaching and learning. Many amenities catering to the needs of students and staff generally, are already in place. These include:

- Kemudahan Kolej Kediaman

Pada asalnya, UTM mempunyai enam buah kolej penginapan. Akibat pertambahan pelajar UTM yang semakin ramai, pihak pengurusan Universiti telah meluluskan pembinaan bangunan tambahan di kolej yang telah sedia ada. Di samping itu, terdapat pembinaan 10 buah kolej baru untuk menampung kemudahan penginapan pelajar. Sebelum daripada ini, pihak Universiti terpaksa menyewa dua buah tempat, iaitu di Kolej Desa Skudai dan Apartment Melawis, Taman Universiti untuk dijadikan tempat penginapan pelajar. Kemudahan penginapan yang sama telah dibina di Asrama Baru Kg. Relawan, Kuala Lumpur.

Residential Colleges

By the academic session 2002/2003, UTM had achieved its target of accommodating 100% of its students within the campus. This was achieved with the completion of additional hostels, bringing the total of residential colleges to 17. Most of these colleges also host cafeterias, sundry shops, sporting facilities, multipurpose halls, computer rooms, prayer halls, photocopying and laundry services.



- Kemudahan Sukan dan Rekreasi

Pelbagai kemudahan sukan dan rekreasi diuruskan oleh Unit Sukan, HEP. Ia bertanggungjawab terhadap pembangunan dan perkembangan sukan di UTM melalui pelaksanaan program sukan yang bertujuan untuk menggalakkan perkembangan nilai-nilai kemanusiaan di dalam diri pelajar dan staf Universiti. Penekanan program yang bercorak kecergasan fizikal dan mental ini bertujuan supaya pelajar dan staf dapat menilai betapa pentingnya aspek kecergasan dalam kehidupan dan seterusnya mendapat keseronokan dengan melibatkan diri dalam pelbagai aktiviti yang diadakan.

Sports and Recreation

All sports and recreational amenities are under the supervision of the Sports Unit of Student Affairs Division. The Sports Unit is responsible for the development and progress of sports on campus through planned programmes, with the objectives of instituting character development of staff and students. Aside from the personal satisfaction derived from these physical and mental activities, students and staff are reminded of the importance of maintaining good health.

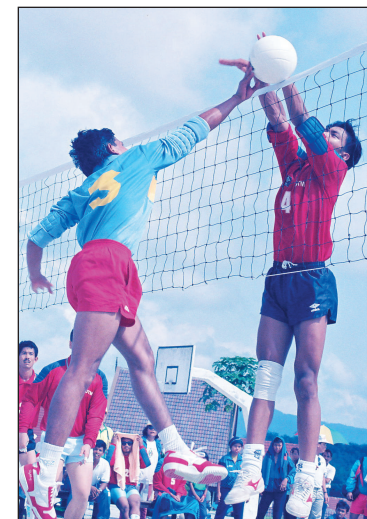


- Pengangkutan Dalam Kampus

Pihak HEP juga menyediakan kemudahan pengangkutan bas dalam kawasan kampus. Ini adalah bertujuan untuk memudahkan urusan pelajar untuk bergerak dari kolej kediaman ke kawasan fakulti pengajian, bermula jam 7.15 pagi hingga 11.30 malam. Terdapat juga kemudahan bas awam yang menghubungkan kampus dengan kawasan perumahan di sekitarnya dan bandaraya Johor Bahru.

Campus Transportation

The University provides special buses for students' commuting between their colleges and classes. These buses ply the campus route regularly from 7:15 a.m until 11:30 p.m. In addition, public bus services are also available connecting the campus to the nearby housing and Johor Bahru city center.



Pendokong Kecemerlangan

- Pusat Kesihatan Mahasiswa

UTM menyediakan perkhidmatan kesihatan untuk semua pelajar yang berdaftar. Kemudahan ini dikendalikan oleh Pusat Kesihatan Mahasiswa. Antara kemudahan yang terdapat di pusat ini termasuklah Klinik Pesakit Luar, Rawatan Kecemasan, Kemudahan Makmal Perubatan, Kemudahan X-Ray, Unit Farmasi, Unit Homeodialis, Kemudahan Wad Sementara, Rawatan Pergigian dan Rujukan Ke Hospital Besar.

Students' Health Centre

The Students' Health Centre offers its services to all registered students and staff of the University. The Health Centre's facilities cover the out-patient clinic, emergencies clinic, medical lab, X-ray unit, pharmacy, haemodialysis unit, dentistry, temporary ward facility and referral services.

- Pusat Ko-Kurikulum

Penubuhan Pusat Ko-Kurikulum adalah untuk memberi kemudahan kepada pelajar untuk meningkatkan ketrampilan diri dalam pelbagai bidang. Ini selaras dengan hasrat Universiti untuk menghasilkan graduan yang berkualiti, di samping mempunyai ketrampilan diri yang hebat. Program ko-kurikulum merangkumi lima bidang yang utama, iaitu Sukan & Rekreasi, Seni & Budaya, Pembinaan Diri & Khidmat Masyarakat, Badan Beruniform dan Program Khas.

Co-curriculum Centre

The Co-curriculum Centre coordinates and supervises five main areas, namely sports and recreation, arts and culture, personal development and community services, as well as uniform bodies and special programmes.

- Biasiswa/Pinjaman Pendidikan dan Kebajikan

Pihak HEP telah menubuhkan Unit Biasiswa untuk membantu urusan pelajar mendapatkan biasiswa atau pinjaman pendidikan. Unit ini menjadi penghubung dengan pelbagai agensi yang menawarkan biasiswa atau pinjaman pendidikan untuk pelajar, seperti JPA, MARA, PTPTN dan lain-lain. Selain itu, UTM juga menyediakan Skim Pinjaman Jangka Pendek, Tabung Khairat, dan Skim Insuran Takaful.

Scholarships/ Loans and Student Welfare

Student Affairs Division had set up a Scholarship Unit, which manages all applications for scholarships or study loans for students. It acts as a liaison office between the various disbursement agencies such as Public Services Department (JPA), MARA, PTPTN and many others. UTM on its own also offers Short Term Study Loans, a Charity Fund, and a General Student Insurance Scheme (Takaful).



- Kemudahan Teknologi Maklumat

Selaras dengan dasar Universiti yang berteraskan teknologi, kemudahan prasarana teknologi maklumat untuk para pelajar dibangunkan dan beroperasi di fakulti, kolej, Pusat Komputer dan Perpustakaan Sultanah Zanariah.

Information Technology Facilities

Consonant to the technological education of the University, all IT facilities and infrastructure are in place and operational. These include all administrative offices, faculties, laboratories, colleges, the Computer Centre and Sultanah Zanariah Library.

- Pusat-pusat Makanan & Arked

Untuk kemudahan para pelajar, pihak UTM telah menyediakan pusat-pusat makanan atau kafeteria sama ada di kolej penginapan, pusat pentadbiran, fakulti mahupun di tempat-tempat yang strategik. Selain daripada itu, konsep baru diperkenalkan berupa pusat perniagaan arked yang telah beroperasi di empat buah tempat. Ini memberi kemudahan yang beraneka kepada para pelajar untuk memilih tempat dan jenis makanan yang disukai.

Shopping Arcades and Food Courts

For the convenience of students and staffs, UTM has built many cafeterias and food courts at residential colleges, administrative centre, faculties, as well as at strategic places around campus. In addition, four shopping and food arcades at different locations have also been built.



- Tempat Beribadat

Masjid Universiti atau lebih terkenal dengan nama Masjid Sultan Ismail menjadi titik tumpuan di kampus Skudai. Masjid yang boleh memuatkan kira-kira 10,000 jemaah ini lengkap dengan pelbagai kemudahan seperti dewan kuliah, dewan seminar, dewan jamuan, pejabat dan bilik jenazah. Bagi warga kampus yang bukan beragama Islam, terdapat gereja, kuil-kuil Hindu, Buddha, dan Sikh di sekitar kawasan perumahan berhampiran kampus.

Places of worship

The University's mosque is a prominent and centrally located building. Known as Sultan Ismail Mosque, it has the capacity of 10,000 congregations at any one time. Among its amenities are lecture halls, seminar rooms, a banquet hall, a morgue, and an administrative office. For the non-Muslims, there are churches (of various denominations), Hindu, Buddhist and Sikh temples in almost every housing areas surrounding the campus.

